

FIG. 1

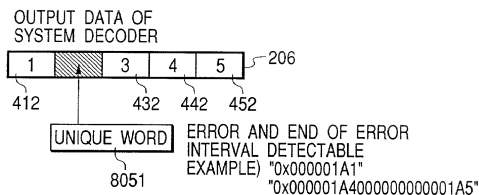


FIG. 2

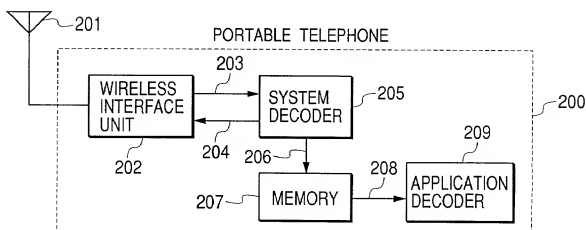


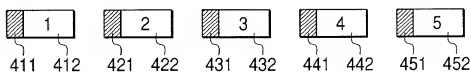
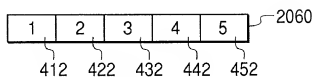
FIG. 3*FIG. 4**FIG. 5*

FIG. 6

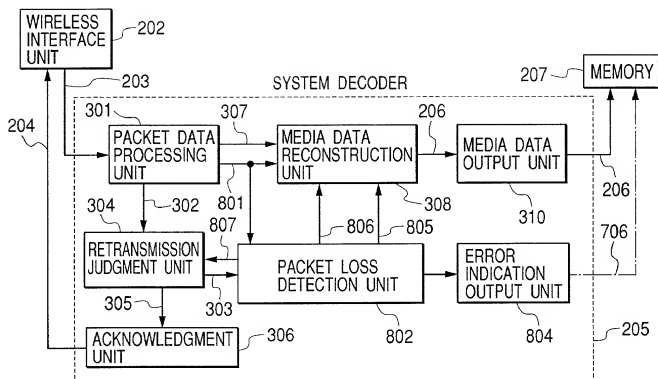


FIG. 7(a)

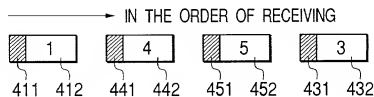


FIG. 7(b)

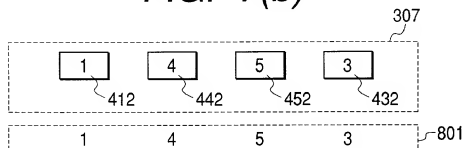
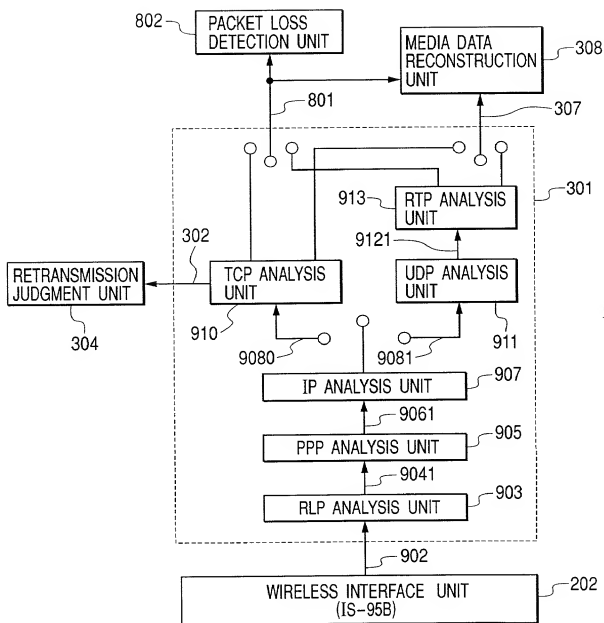


FIG. 8



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FIG. 9

IPv4 PACKET

VERSION (4 BITS)	HEADER LENGTH (4 BITS)	PRIORITY (3 BITS)	SERVICE TYPE (5 BITS)	TOTAL IP LENGTH (2 BYTES)	
DATAGRAM ID (2 BYTES)	FRAGMENT (2 BYTES)	TIME TO LIVE (TTL) (1 BYTE)	PROTOCOL (1 BYTE)	CHECKSUM (2 BYTES)	
SOURCE PORT ADDRESS (4 BYTES)	DESTINATION PORT ADDRESS (4 BYTES)	PAYLOAD (VARIABLE LENGTH)			

9061

908

FIG. 10

PPP FRAME

FLAG (1 BYTE)	DESTINATION PORT ADDRESS (1 BYTE)	CONTROL (1 BYTE)	PROTOCOL (2 BYTES)	PAYLOAD (VARIABLE LENGTH)	CYCLIC REDUNDANCY CHECK (2 BYTES)	FLAG (1 BYTE)
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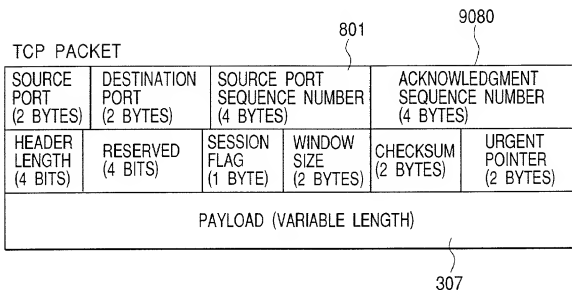
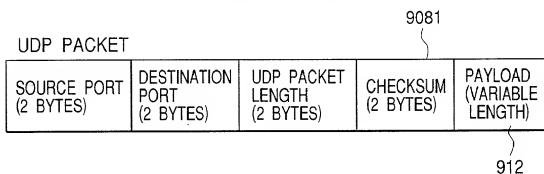
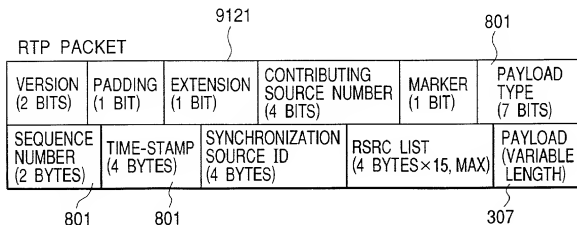
FIG. 11

RLP FRAME

SEQUENCE NUMBER (1 BYTE)	TYPE OF FRAME (1 BIT)	PAYLOAD LENGTH (7 BITS)	PAYLOAD (VARIABLE)	PADDING (VARIABLE)
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FIG. 12**FIG. 13****FIG. 14**

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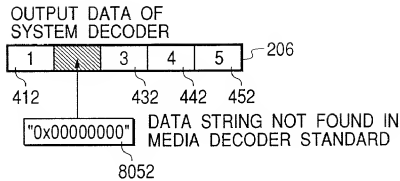
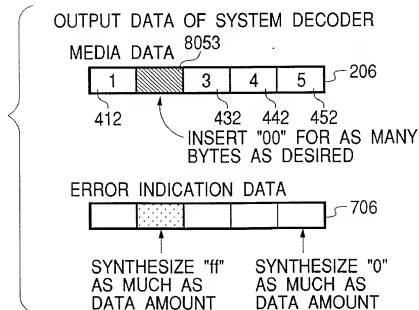
FIG. 15**FIG. 16**

FIG. 17

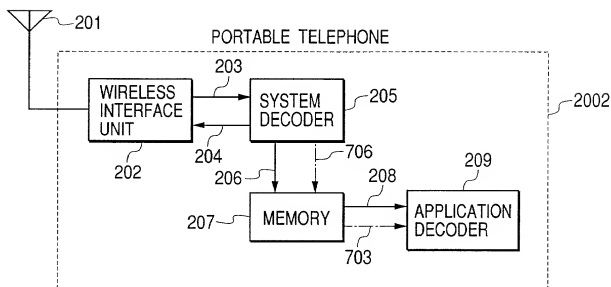
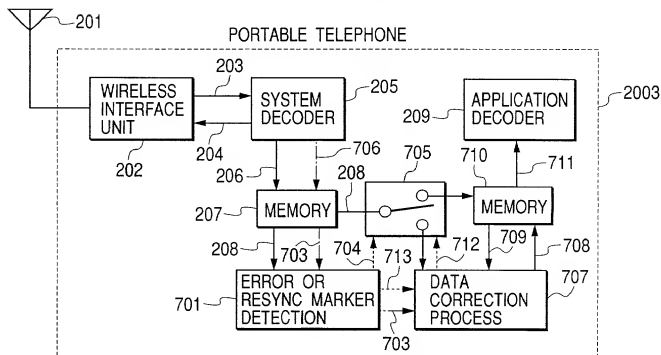


FIG. 18



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FIG. 19

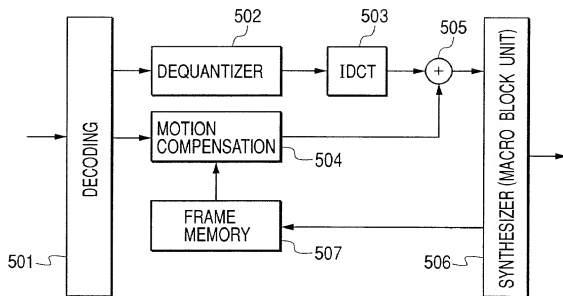
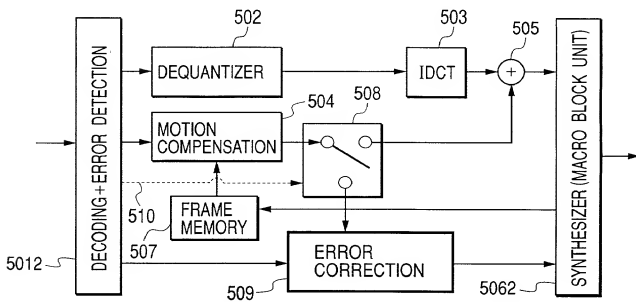


FIG. 20



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FIG. 21

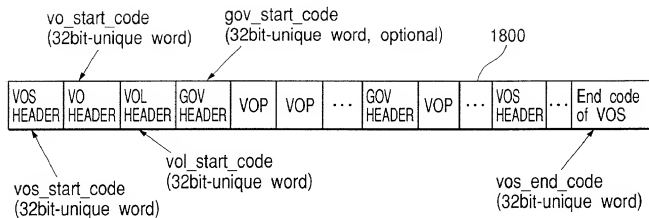


FIG. 22

vop_start_code (32bit-unique word)	vop_coding_type (2bit)	modulo_time_base (1bit AND ABOVE, TERMINATE WITH "0")		marker_bit (1bit)
vop_time_increment (1-16bit VARIABLE)	marker_bit (1bit)	vop_coded (1bit)	vop_rounding_type (IN CASE OF 1bit, vop_coding_type != "1")	
intra_dc_vic_thr (3bit)	vop_quant (5bit)	vop_fcode_forward (IN CASE OF 3bit, vop_coding_type != "1")		vop_fcode_backward (IN CASE OF 3bit, vop_coding_type == "B")

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FIG. 23

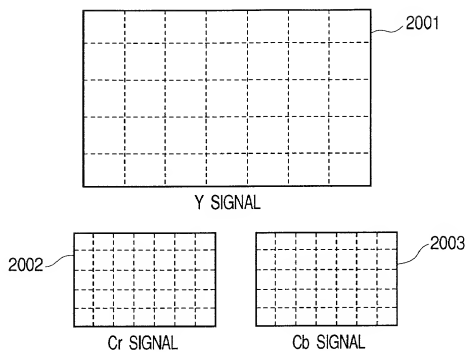
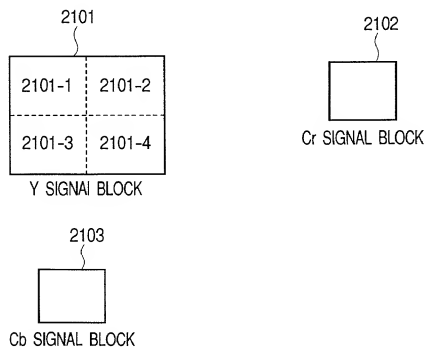


FIG. 24



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FIG. 25

2200

not_coded (1bit, vop_coding_type==IN CASE OF "p")	mcbpc (1-9bit VARIABLE)	ac_pred flag (1bit, mb_type==IN CASE OF intra or intra+q)
cbpy (1-6bit, mb_type != IN CASE OF stuffing)	dquant (2bit, mb_type ==IN CASE OF intra+q or inter+q)	MOTION VECTOR (mb_type ==inter, inter+q or inter4v)
DIFFERENTIAL intra DC COEFFICIENT (mb_type==intra or intra+q AND use_intra_dc_vlc==IN CASE OF "1")		Intra AC COEFFICIENT or inter DC & AC COEFFICIENT (BLOCK DESIGNATED BY cbpy, cbpci)

mcbpc : mb_type (intra, intra+q, inter, inter+q, inter4v, stuffing), cbpc

not_coded : IN CASE OF "1", mb_type=inter, NO MOTION, mcbpc AND THEREAFTER OMITTED

use_intra_dc_vlc : DETERMINE BY quant AND intra_dc_thr, AND TAKE THE VALUE OF "0" OR "1"

FIG. 26

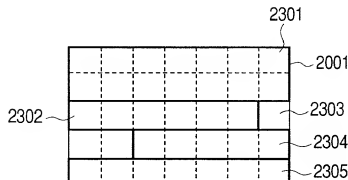


FIG. 27

VIDEO PACKET DATA (I-VOP)

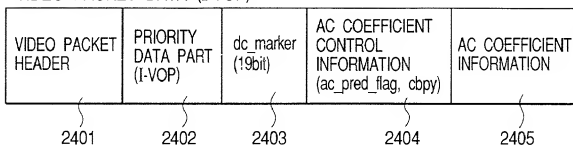


FIG. 28

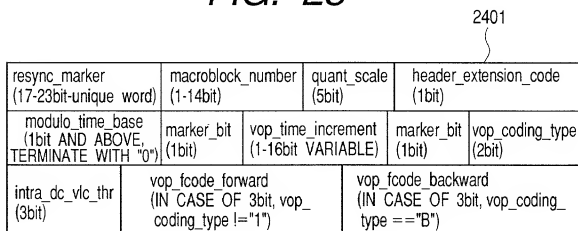
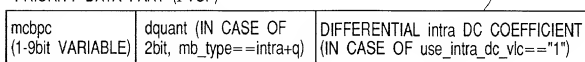
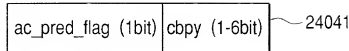


FIG. 29

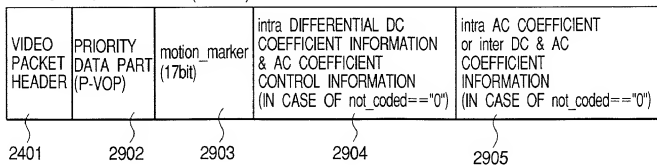
PRIORITY DATA PART (I-VOP)



mcbpc : mb_type (intra, intra+q stuffing), cbpc
 use_intra_dc_vlc : DETERMINE BY quant AND intra_dc_vlc_thr,
 AND TAKE THE VALUE OF "0" OR "1"

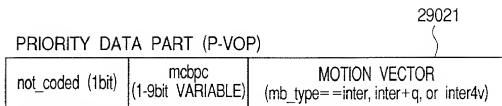
*FIG. 30*AC COEFFICIENT
CONTROL INFORMATION*FIG. 31*AC COEFFICIENT
INFORMATION*FIG. 32*

VIDEO PACKET DATA (P-VOP)



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FIG. 33



mbpcp : mb_type (intra, intra+q, inter, inter+q, inter4v, stuffing), cbpc
 IN CASE OF not_coded : "1", mb_type=inter, NO MOTION, mbpcp
 AND THEREAFTER OMITTED

FIG. 34

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intra DIFFERENTIAL DC COEFFICIENT
 INFORMATION & AC COEFFICIENT
 CONTROL INFORMATION

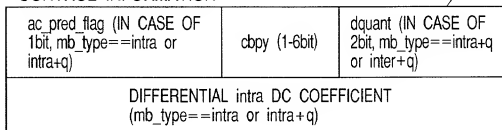
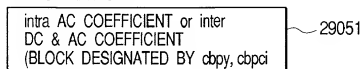


FIG. 35

intra AC COEFFICIENT or inter
 DC & AC COEFFICIENT
 INFORMATION



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FIG. 36

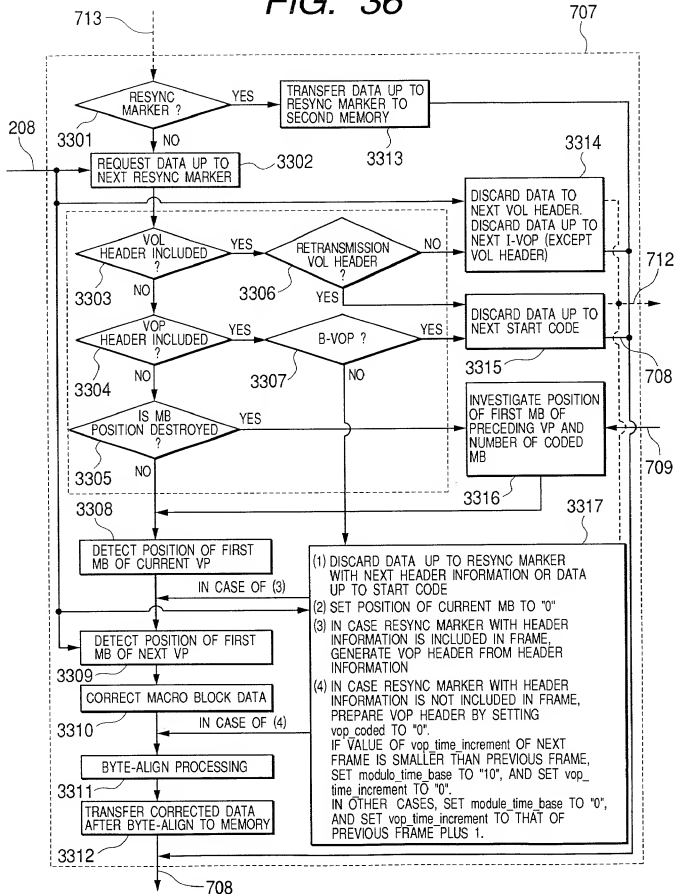
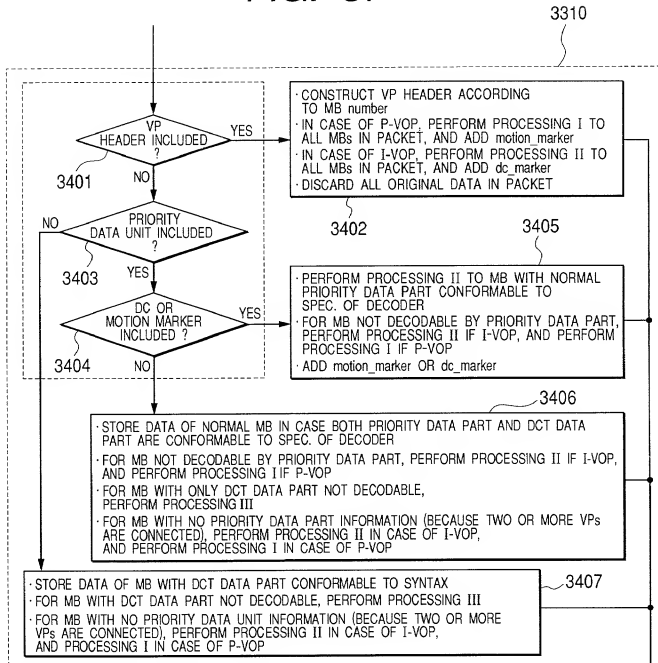


FIG. 37



PROCESSING I: SET not_coded FLAG TO "1". DELETE ORIGINAL DATA IN MB.

PROCESSING II: SET ALL DIFFERENTIAL DC COEFFICIENTS IN MB TO "0" AND SET mb_type TO "intra" AND SET cpby AND cbpc (mcbbc) TO NO CODED BLOCK. DELETE ORIGINAL DATA IN MB.

PROCESSING III: SET cpby AND cbpc (mcbbc) TO NO CODED BLOCK.

FURTHER, IN CASE OF I-VOP, SET ac_pred_flag TO "0", AND DELETE AC COEFFICIENT DATA. IN CASE OF P-VOP, PERFORM PROCESSING II IF INTRA CODING. IF mb_type IS PREDICTIVE CODING DELETE inter DC & AC COEFFICIENT DATA.

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FIG. 38

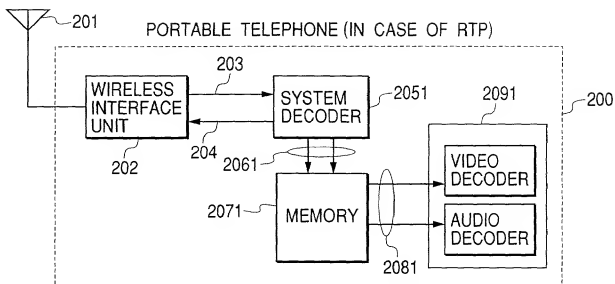
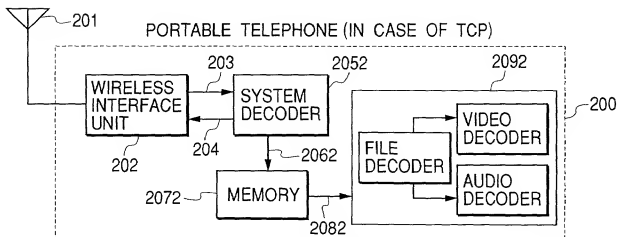


FIG. 39



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FIG. 40

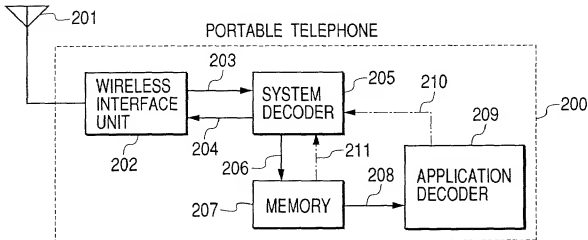
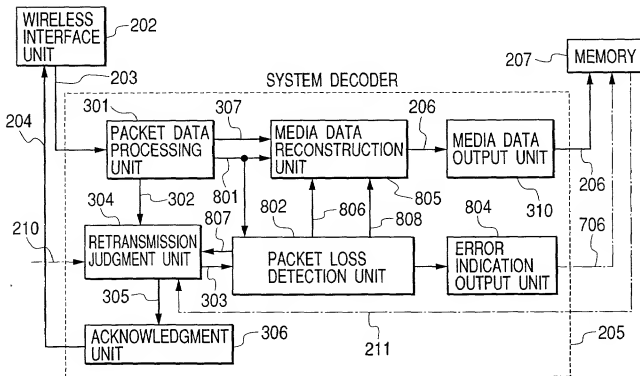
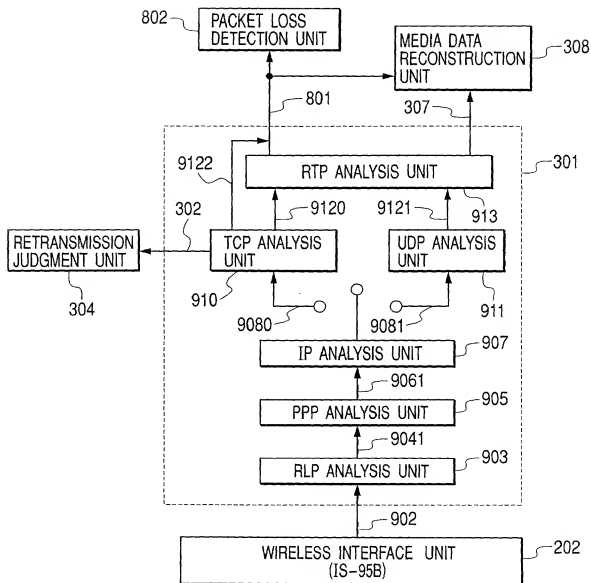


FIG. 41



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FIG. 42



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FIG. 43

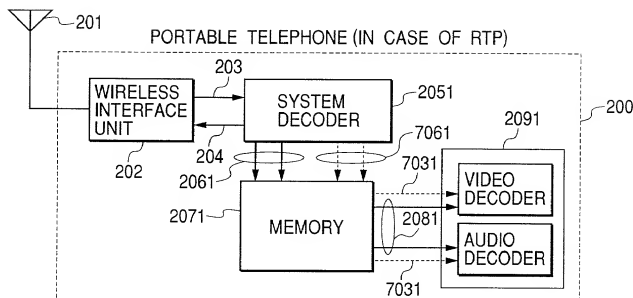


FIG. 44

